

Application Serial No. 10/604,176

**IN THE CLAIMS**

The status of the claims of the present application stands as follows:

1. **(Currently Amended)** An integrated circuit comprising:  
a substrate;  
a power rail;  
sea of gates; and  
a latchup control isolation network electrically coupled to said substrate and positioned in series between said power rail and said sea of gates so as to receive perturbations in voltage potential in said substrate arising from latchup events in said substrate, said latchup control isolation network adapted to electrically isolate said sea of gates from said power rail in response to ~~latchup events on said substrate~~ undesirable perturbations in said voltage potential in said substrate.
2. **(Currently Amended)** An integrated circuit according to claim 1, wherein said substrate has a first polarity, the circuit further including a well having a second polarity, further wherein said latchup control isolation network is also ~~electronically~~ electrically coupled to said well and is positioned in series between said power rail and said sea of gates so as to receive perturbations in voltage potential in said well arising from latchup events in said well, said latchup control isolation network adapted to electrically isolate said sea of gates from said power rail in response to latchup events on ~~undesirable perturbations in said voltage potential in~~ at least one of said substrate and said well.